



- [c8] 8. A method according to claim 7, wherein requesting the changed date is responsive to the message state indicating change in the data cache.
- [c9] 9. A method according to claim 1, wherein the message is periodic.
- [c10] 10. A method according to claim 1, wherein the message is aperiodic.
- [c11] 11. A method for notifying a client browser of a data change in a data cache, the method comprising:  
 creating a data cache in a RAM cache of an application server as a subset of a larger database;  
 establishing an HTTP connection between the client and the application server;  
 establishing a TCP connection between the client and the application server;  
 responsive to a resource request from the client, sending an html file via the HTTP connection to the client, the html file reflecting data in the data cache at a first time;  
 after the first time, performing a periodic refresh of the data cache from the larger database;  
 identifying change in the data cache;  
 responsive to the change in the data cache, sending a message from the application server to the client via the TCP connection; and  
 responsive to the message, sending a request for the changed data from the client to the application server via the HTTP connection.
- [c12] 12. Computer executable software code transmitted as an information signal, the code for updating information on a client computer, the code comprising:  
 code to create a data cache as a subset of a larger database;  
 code to perform a periodic refresh of the data cache from the larger database;  
 code to identify change in the data cache;  
 responsive to the change in the data cache, code to send a message to the client; and  
 responsive to the message, code to automatically request the changed data.
- [c13] 13. A computer readable medium having computer executable code stored thereon, the code for updating information on a client computer, the code

comprising:

code to create a data cache as a subset of a larger database;  
code to perform a periodic refresh of the data cache from the larger database;  
code to identify change in the data cache;  
responsive to the change in the data cache, code to send a message to the client; and  
responsive to the message, code to automatically request the changed data.

[c14]

14. A programmed computer for updating information on a client computer, comprising:

a memory having at least one region for storing computer executable program code; and

a processor for executing the program code stored in the memory, wherein the program code comprises:

code to create a data cache as a subset of a larger database;  
code to perform a periodic refresh of the data cache from the larger database;  
code to identify change in the data cache;  
responsive to the change in the data cache, code to send a message to the client; and  
responsive to the message, code to automatically request the changed data.